

PTO/SB/01 (10-01)
Approved for use through 10/31/2002 OMB 0651-0032
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| Attorney Docket Nun | nber 29US | | |
|----------------------|--|--|--|
| First Named Inventor | John Hefti et al. | | |
| COMPLETE IF KNOWN | | | |
| Application Number | 10 / 073,827 | | |
| Filing Date | February 11, 2002 | | |
| Art Unit | Not Assigned | | |
| Examiner Name | Not Assigned | | |
| | First Named Inventor COMPLE Application Number Filing Date Art Unit | | |

| | requirea) | Examiner Name | | | | | | |
|--|------------------------------------|---|---|---|--|--|--|--|
| As the below named inventor, I hereby declare that: | | | | | | | | |
| My residence, mailing address, and citizenship are as stated below next to my name. | | | | | | | | |
| I believe I am the original and first inv | ventor of the subject matter | which is claimed and for wh | nich a patent is sou | ight on the invention entitled: | | | | |
| A SYSTEM AND METHOD FOR CHARACTERIZING THE PERMITTIVITY OF MOLECULAR EVENTS | | | | | | | | |
| the specification of which | (Title of the I | nvention) | | | | | | |
| is attached hereto | | | | | | | | |
| or was filed on (MM/DD/YYYY) February 11, 2002 as United States Application Number or PCT International | | | | | | | | |
| Application Number 10/073,827 | and was amende | ed on (MM/DD/YYYY) | | (if applicable). | | | | |
| I hereby state that I have reviewed an any amendment specifically referred to | d understand the contents o above. | f the above identified spec | ification, including t | the claims, as amended by | | | | |
| I acknowledge the duty to disclose info applications, material information which international filing date of the continua | a decame avaliable belwee | patentability as defined in note that the prior | 37 CFR 1.56, inclu application and the | uding for continuation-in-part e national or PCT | | | | |
| I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed. | | | | | | | | |
| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed | Certified Copy Attached? YES NO | | | | |
| | | | | | | | | |
| Additional foreign application nur | mbers are listed on a supple | mental priority data sheet f | PTO/SB/02B attack | ned hereto: | | | | |

[Page 1 of 2]

Burden Hour Statement This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time, you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO. Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION — Utility or Design Patent Application

| Direct all correspondence to: Customer Number or Bar Code Laber | ł . | OR X Con | rrespondence address below |
|---|-------------------------|------------------------------|----------------------------|
| Name Rich Neeley | | | |
| Address Signature BioScience, Inc 21124 Cabo | ot Boulevard | | |
| City Hayward | St | ate CA | ZIP 94545-1130 |
| Country USA Tele | ephone 510 576-23 | 34 | Fax 510 576-2434 |
| I hereby declare that all statements made herein of my o are believed to be true; and further that these statement made are punishable by fine or imprisonment, or both, us validity of the application or any patent issued thereon. | is were made with the | knowlodge that willful false | ofotomonto and the III |
| NAME OF SOLE OR FIRST INVENTOR: | A petition has t | peen filed for this unsign | ned inventor |
| Given Name John (first and middle [if any]) | Fai or | mily Name Hefti Surname | |
| Inventor's Signature | T | | Date |
| San Francisco Residence: City | CA State | USA Country | USA Citizenship |
| 21 Escondido Avenue Mailing Address | T | | |
| City San Francisco | State CA | ZIP 94132 | Country USA |
| NAME OF SECOND INVENTOR: | A petition has be | en filed for this unsigne | d inventor |
| Given Name (first and middle [if any]) | | nily Name Peng Surname | |
| Inventor's Signature | 1 | | Date 3-22-2062 |
| Fremont Residence: City | State CA | USA Country | CHINA Citizenship |
| 39639 Leslie Street, Apt. 163 Mailing Address | Ţ | | |
| City Fremont | CA State | ZIP 94538 | USA Country |
| X Additional inventors are being named on the 1 sup | plemental Additional Ir | nventor(s) sheet(s) PTO/SB/0 | 02A attached hereto. |

DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 1_ of 1__

| | | _ | | | | |
|--|----------|-------------|--------------------------|-----------|------------------------|--|
| Name of Additional Joint Inventor, if a | ıy: | | A petition has been | filed for | this unsigned inventor | |
| Given Name (first and middle [if any] |) | | Family Name or Surname | | | |
| David | | В | alaban | | | |
| Inventor's Signature Sevent 1. Ba | lata | d | | | Date 4/3/62 | |
| Residence: City San Jose | State Ca | | Country USA | | Citizenship USA | |
| Mailing Address 7127 Glenview Drive | | | | | | |
| Mailing Address | | | | | | |
| city San Jose | State CA | | ZIP 95120 | Count | _{ry} USA | |
| Name of Additional Joint Inventor, if an | ıy: | | A petition has been fi | | | |
| Given Name (first and middle [if any] |) | | Family Name or Surname | | | |
| Joseph Heanue | | | | | | |
| Inventor's Signature per al. Hismu | 2 | | | | Date 4/24/02 | |
| Residence: City Half Moon Bay | State CA | , | Country USA | | Citizenship USA | |
| Mailing Address 105 Troon Way | | | | | | |
| Mailing Address | | | | | | |
| City Half Moon Bay | State CA | (| ZIP 94019 | Cou | _{intry} USa | |
| Name of Additional Joint Inventor, if ar | ıy: | | A petition has been file | | | |
| Given Name (first and middle [if any]) | i | | Family Name or Surname | | | |
| | | | | | | |
| Inventor's Signature | | | | | Date | |
| Residence: City | State | Country | | | Citizenship | |
| Mailing Address | | | | - | | |
| Mailing Address | | | | | | |
| City | State | | ZIP | Cc | ountry | |

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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Declaration Submitted with Initial Filing

The Green Shorts from the St. 11 Hall

OR

Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

| spend to a concount of whorma | on amous it contains a v | and own control number. | |
|-------------------------------|--------------------------|-------------------------|--|
| Attorney Docket Num | er 29US | | |
| First Named Inventor | John Hefti et | al. | |
| COMPLE | E IF KNOWN | | |
| Application Number | 10 / 07 | 3,827 | |
| Filing Date | February 11, 2002 | | |
| Art Unit | Not Assigned | | |
| Examiner Name | Not Assigned | | |

| As the below named inventor, I hereby declare that: | | | | | | | | |
|--|-------------------------------------|---|--|---|--|--|--|--|
| My residence, mailing address, and citizenship are as stated below next to my name. | | | | | | | | |
| I believe I am the original and first inve | entor of the subject matter v | which is claimed and for v | which a patent is sou | ght on the invention entitled: | | | | |
| A SYSTEM AND METHOD FOR CHARACTERIZING THE PERMITTIVITY OF MOLECULAR EVENTS | | | | | | | | |
| | (Title of the I | nvention) | | * * * | | | | |
| the specification of which | | | | | | | | |
| is attached hereto | | | | | | | | |
| OR . | - 1 | | | | | | | |
| was filed on (MM/DD/YYYY) | February 11, 2002 | as United States | Application Number | or PCT International | | | | |
| Application Number 10/073,827 | and was amend | ed on (MM/DD/YYYY) | | (if applicable). | | | | |
| I hereby state that I have reviewed and any amendment specifically referred to | d understand the contents on above. | of the above identified spe | ecification, including t | he claims, as amended by | | | | |
| I acknowledge the duty to disclose info applications, material information whic international filing date of the continua | h became available betwee | o patentability as defined on the filing date of the pri | in 37 CFR 1.56, incluior application and the | uding for continuation-in-part e national or PCT | | | | |
| I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed. | | | | | | | | |
| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed | Certified Copy Attached? YES NO | | | | |
| | | | | | | | | |
| Additional foreign application nur | mbers are listed on a supple | emental priority data shee | et PTO/SB/02B attacl | hed hereto: | | | | |

[Page 1 of 2]

Burden Hour Statement This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO Assistant Commissioner for Patents, Washington, DC 20231

DECLARATION — Utility or Design Patent Application

| Direct all correspondence to: Customer Numb or Bar Code Lab | 1 | | OR | X Corr | respondence address below | |
|--|-------------------------------|----------------------|----------------------|---------------|----------------------------|--|
| Name Rich Neeley | | | | | | |
| Address Signature BioScience, Inc 21124 Cab | ot Boulevard | | | | | |
| City Hayward | | State | CA | | ZIP 94545-1130 | |
| Country USA Te | elephone 510 57 | 6-2334 | | | Fax 510 576-2434 | |
| I hereby declare that all statements made herein of my are believed to be true; and further that these stateme made are punishable by fine or imprisonment, or both, validity of the application or any patent issued thereon. | nts were made with | th the knov | wledge that v | willful false | statements and the like so | |
| NAME OF SOLE OR FIRST INVENTOR: | A petition h | nas been | filed for th | nis unsign | ned inventor | |
| Given Name John (first and middle [if any]) | | Family N | Name Hefti ame | | | |
| Inventor's Signature | | | | | Date 24 March 200 | |
| San Francisco Residence: City | CA State | | US Country | SA | USA Citizenship | |
| 21 Escondido Avenue Mailing Address | | | | | | |
| City San Francisco | State CA | 7 | ZIP ⁹⁴¹³² | | USA Country | |
| NAME OF SECOND INVENTOR: | A petition has | s been fi | iled for this | unsigne | d inventor | |
| Given Name Hong (first and middle [if any]) | | Family N or Surna | lame Peng ame | | | |
| Inventor's Signature | | | | | Date | |
| Fremont Residence: City | State CA | | USA Country | 4 | CHINA Citizenship | |
| 39639 Leslie Street, Apt. 163 Mailing Address | 39639 Leslie Street, Apt. 163 | | | | | |
| City Fremont | CA State | | 94538 ZIP | | Country USA | |
| X Additional inventors are being named on the 1 s | upplemental Addition | onal Invent | tor(s) sheet(s |) PTO/SB/0 | 02A attached hereto. | |

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PTO/SB/02A (11-00)

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DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 1 of 1

| ny: | | | A petition has been | filed for t | this unsigned inventor | |
|--|----------------------|--|--|-------------------|---|--|
| Given Name (first and middle [if any]) | | | Family Name or Surname | | | |
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| | | | | | Date | |
| Sta | te Ca | | Country USA | | Citizenship USA | |
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| ny: | | | A petition has been fil | led for th | is unsigned inventor | |
|]) | | | Family N | ame or S | Surname | |
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| Sta | State CA Country USA | | | | Citizenship USA | |
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| ny: | | | A petition has been file | | | |
|) | | Family Name or Surname | | | | |
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| State | | Country | | | Citizenship | |
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| Stat | е | | ZIP | Co | ountry | |
| | Start | State CA State CA State CA State CA State CA State CA | State CA State CA | Balaban State CA | Balaban State Ca Country USA State CA ZIP 95120 Country A petition has been filed for the Family Name or S Heanue State CA ZIP 94019 Country A petition has been filed for this parity Name State CA ZIP 94019 Country A petition has been filed for this parity Name State CA ZIP 94019 Country State CA ZIP 94019 Country | |

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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

| Application Number | 10/073,827 |
|------------------------|-------------------------|
| Filing Date | February 11, 2002 |
| First Named Inventor | John Hefti et al. |
| Title | A SYSTEM AND METHOD FOR |
| Group Art Unit | Not Assigned |
| Examiner Name | Not Assigned |
| Attorney Docket Number | 29US |

| I hereby appoi | int: | | | | | |
|-----------------|---|--|---|--|--|--|
| X Practition | ners at Customer Number 26618 | | | | | |
| OR | | ************************************** | | | | |
| Practition | er(s) named below: | | 26618 | | | |
| | Name | Re | gistration Mundanck OFFICE | | | |
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| - | ney(s) or agent(s) to prosecute the app United States Patent and Trademark (| | | | | |
| Please change t | the correspondence address for the ab | ove-identified appli | cation to: | | | |
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| Telephone | | Fax | | | | |
| l am the: | nt/Inventor. | | | | | |
| Аррисан | igniventor. | | | | | |
| | e of record of the entire interest. See 3 | | | | | |
| Stateme | nt under 37 CFR 3.73(b) is enclosed. | (Form PTO/SB/96). | | | | |
| | SIGNATURE of Applicant of | or Assignee of Reco | rd | | | |
| Name | Frances K. Heller, Signature Bio | Science, Inc. | | | | |
| Signature | Mala | | | | | |
| Date | 5-3-02 | | | | | |
| _ | If the inventors or assignees of record of the ent | tire interest or their repre | sentative(s) are required. Submit multiple | | | |
| □ *Total of 1 | signature is required, see below*. forms are submitted. | | | | | |
| | form is estimated to take 3 minutes to complete. Time | e will vary depending upon | the needs of the individual case. Any comments of | | | |

Burden Hour Statement. This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time, you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.